





**Sensor controlled hot plate with sensor arranged below the plate****Publication number:** DE19856140**Publication date:** 2000-06-08**Inventor:** HAS UWE (DE); HORN KATRIN (DE); NEUHAUSER  
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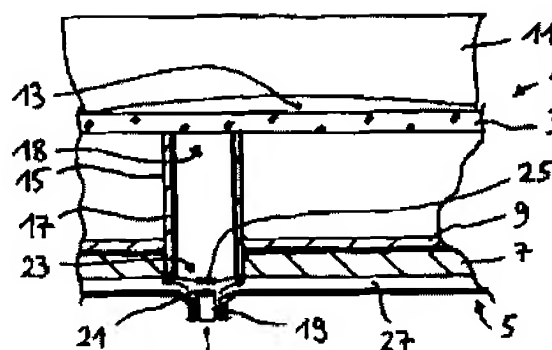
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The value of the transmission of a cooking plate (3) in a spectral measurement aperture (18) towards the infrared (IR) radiation sensor (19) is smaller than 10% approaching 0%. A reflection-layer (17) is deposited on wall of a measurement hole (15) to increase of sensitivity the measurement. Under a cooking plate (3), a measurement aperture (18) passes the heat radiation towards the IR sensor (19).

**Figur 1**Data supplied from the *esp@cenet* database - Worldwide